

One Programme Adventure Skills



Air Activities Logbook

Draft Version 1.00

Dec 17

Air Activities Personal Record Log

Name	
Address	
Phone (H)	(M)
Email Address	
Date Logbook Started	
How long have you been pursuing Air Activities? (Years)	

DATES OF SKILLS COURSES ATTENDED

Course	Date:	Location:	Organiser	Organisers signature:

Scout Air Activities Stages Awarded

Stage:	Date:	Location:	Assessor:	Assessor's signature:	Certificate Number
One					
Two					
Three					
Four					
Five					
Six					
Seven					
Eight					
Nine					

Notes and Instructions

Once a Scout or Scouter has completed all elements of a stage/ The assessor should sign both the individual stage, and complete the summary sheet at the front of the logbook. If elements of the stage have been signed off by another assessor the awarding assessor should ensure that candidate is still competent in these skills at the time of final assessment as they are the awarding assessor

Air Activities Stage 1

Competency Statement	Assessors Signature
I can name all the things that I know can fly	
I can show pictures of, and be able to talk about, different types of flying machine	
I can build a paper aeroplane from an A4 sheet with will fly, climb and turn	
I can discuss the features of an airport from a model or picture	
I know how to be safe around aircraft	
I have visited an airport	

Stage Awarded	Date:
Awarding Assessor	
Badge Presented	

Air Activities Stage 2

Competency Statement	Assessors Signature
I can make a small parachute using a piece of light material and string	
I can show my Scouter the 5 main parts of an aeroplane	
I can launch parachutes from a stand	
I can discuss with my Scouter how the wind affects a parachute	
I know what you should do if somebody gets hurt	
I know the safe way to act at an airport and can discuss this with my Scouter	
I can build a kite and fly it	
I know where it would be safe to fly a kite	

Stage Awarded	Date:
Awarding Assessor	
Badge Presented	

Air Activities Stage 3

Competency Statement	Assessors Signature
I know the difference between airside and landside	
I can discuss the first flight by the Wright bros.	
I know the main parts of an aeroplane	
I know the rules of safety around an aeroplane	
I can discuss why communication is important to aircraft	
I know the phonetic alphabet	
I can name the planets in our solar system	
I know the main points of "leave no trace" and why it's important at airports	
I have built a scale model aircraft to a satisfactory standard from a plastic kit and can explain its features and history	
I can discuss with my Scouter how hot air balloons work, and how to control them	

Stage Awarded	Date:
Awarding Assessor	
Badge Presented	

Air Activities Stage 4

Competency Statement	Assessors Signature
I know the rule relating to airfields	
I understand how a wing derives lift	
I can discuss with my Scouter lift, drag, gravity and thrust	
I know the control surfaces of an aircraft	
I can explain how an aircraft climbs, dives and turns, using a model	
I can explain the causes of stalling	
I know the logos of the various airlines	
I can build a hot air balloon	
I have produced a project based on the moon landings	
I have taken part in a water rocket launch	

Stage Awarded	Date:
Awarding Assessor	
Badge Presented	

Air Activities Stage 5

Competency Statement	Assessors Signature
I understand what FOD is	
I know how to approach an aircraft	
I know the signs that an aircraft is about to start an engine	
I know where the safe jet blast zones are on an aircraft	
I know how to identify different aircraft types from their features	
I understand how weather affects Air Activities	
I can show a younger Scout how control surfaces work	
I can build a scale model aircraft to a satisfactory standard from paper and balsa wood	
I can identify some aircraft instruments using a computer simulator, or other method	
I can show how to take off and fly through various weather conditions and land safely using a computer simulator or other method	
I can discuss with my Scouter how the Earth's atmosphere affects air travel	
I can build and launch a water rocket	
I have taken part in at least two Air Activities	

Stage Awarded	Date:
Awarding Assessor	
Badge Presented	

Air Activities Stage 6

Competency Statement	Assessors Signature
I can discuss aircraft navigation with my Scouter	
I know the types of air maps and the conventional signs used on them.	
I can demonstrate how to obtain a local forecast for an air activity	
I can explain how wind speed and direction are measured, and how weather can affect various Air Activities	
I can explain the difference between ground speed and air speed, and how wind is used in take-off and landing.	
I can discuss with my Scouter how the Earth's atmosphere affects air travel.	
I can understand three different ways in which clouds are formed	
I can show that I understand the basic "T" instrument cluster.	
I can handle a powered model aircraft during take-off and fly through various weather conditions and land safely	
I can explain the workings of aircraft pressure instruments, for example an altimeter or air speed indicator.	
I can discuss how the ionosphere affects communication	
I can navigate my patrol over a route using GPS	
I have attended an air display	
I have participated in a themed "space camp" or event with a group of Scouts.	

Stage Awarded	Date:	
Awarding Assessor		
Badge Presented		

Air Activities Stage 7

Competency Statement	Assessors Signature
I know the basic principles of a piston engine, including the 4-stroke cycle	
I know how a jet engine works	
I know how rocket engines work, and their lift-off and re-entry procedures	
I know the Safety Code for Rocketry and am able to identify the principle parts of a rocket	
I can build, launch, and recover a single or double-staged model rocket	
I know how to arrange permissions for a rocket launch	
I am able to fly a model aircraft	
I can be responsible for planning a weekend camp for your group at an airfield	

Stage Awarded	Date:	
Awarding Assessor		
Badge Presented		

Air Activities Stage 8

Competency Statement	Assessors Signature
I understand what a flight plan is	
I can produce a flight-plan for a cross country exercise	
I know the main types of checklists commonly found in aircraft	
I know how to correctly approach an occupied aircraft or helicopter	
I have a thorough knowledge of the Rule Relating to Airfields	
I understand the Irish Air Traffic Control System	
I know how and when to use an air band radio	
I know how to marshal an aircraft	
I have undertaken a project to demonstrate a particular aeronautical principle and built a suitable model to illustrate it	
I have taken part in two Air Activities that got me airborne	
I have planned a weekend camp for my section on an airfield	

Stage Awarded	Date:	
Awarding Assessor 1		
Awarding Assessor 2		
Badge Presented		

Air Activities Stage 9

Competency Statement	Assessors Signature
I know the principle of flight of a helicopter	
I know how the controls of a helicopter work	
I know the dangers regarding specific aerial activities	
I know how the constellation of satellites work to provide GPS navigation	
I understand how telemetry helps develop aviation products	
I have an understanding of Radar and how ATC use it	
I can arrange for a suitably experienced instructor to give an air experience flight	
I have taken part in 2 additional Air Activities that got me airborne	

Stage Awarded	Date:	
Awarding Assessor 1		
Awarding Assessor 2		
Badge Presented		

Air Activity Log Book

Air Activity Number	Date		
Location			
Airfield code, if applicable:			
Air Activity Leader	Overall Numbers		
Weather Report:			
Programme			
Please Turnover			

Skills Thought / Instructed

Other Observations

Please Draw a sketch map of the Air Activity Site

If there is insufficient space on the page please photocopy or insert additional pages

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